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2 monoclonal antibody which binds to the same epitope as the epitope to which the monoclonal antibody produced by the hybridoma cell line deposited under American Type Culture Collection Accession Number ATCC HB-12456 binds.

Please add the following claims:

--19. An isolated antibody which binds to a polypeptide having at least 90% amino acid sequence identity with native sequence Apo-2 polypeptide comprising amino acid residues 1 to 411 of SEQ ID NO:1.

20. The antibody of claim 20, wherein said antibody binds to a polypeptide having at least 95% amino acid sequence identity with said native sequence Apo-2 polypeptide.

21. A monoclonal antibody which binds to Apo-2 polypeptide comprising amino acid residues 1 to 411 of SEQ ID NO: 1.

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22. A monoclonal antibody which binds to a soluble polypeptide comprising an extracellular domain sequence of a native sequence Apo-2 polypeptide which comprises amino acids 54 to 182 of SEQ ID NO:1.

23. The antibody of claim 22, wherein said extracellular domain sequence comprises amino acids 1 to 182 of SEQ ID NO:1.

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24. A monoclonal antibody which binds to a soluble polypeptide comprising (a) an extracellular domain sequence of a native sequence Apo-2 polypeptide which comprises amino acids 54 to 182 of SEQ ID NO:1 or (b) a fragment of (a) which binds Apo-2 ligand, is immunogenic, or is capable of modulating apoptosis in a mammalian cell.

25. The antibody of claim 1 or 24, wherein said antibody is a chimeric antibody.

26. The antibody of claim 1 or 24, wherein said antibody is a humanized